

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroto SUGAHARA, et al.

Title: **RADIO WAVE PROPAGATION CHARACTERISTIC
ESTIMATION SYSTEM, AND ITS METHOD AND PROGRAM**

Appl. No.: Unassigned

Filing Date: November 9, 2005

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

Document A1 is a U.S. counterpart of Document A6.

Document A2 is a U.S. counterpart of Document A5.

Document A4 relates to a space fading simulator for a base station array signal, which evaluates Doppler variation and arrival angle of electromagnetic wave received by an array antenna in a dark room.

Document A6 relates to a propagation environment notification method which involves transmitting radio propagation environment information, generated based on received conditions by serve, from ser to use terminal.

Document A7 relates to an electric-wave emission control system forms imitation electric-wave emission timing signal, based on electric-wave emission timing signal from source of electric-wave emission.

Document A8 relates to a test device for radio terminals – enables fading in output terminal of transmitting gain controller by controlling phase and amplitude of base station signal.

Document A9 relates to a field strength calculation device for mobile communication system – has calculation unit which determines electric power of electromagnetic wave at receiving point and computes field strength of electromagnetic wave at receiving point.

Documents A2, A3, A5 and A10, listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language documents has not been provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date: November 9, 2005

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